# NITFS
# Compliance Registration

**Product:** **ELT/5500PRO**

**Sponsor:** **Overwatch Systems Boston Operations**

**Developer:** **Overwatch Systems Boston Operations**

**Date:** **30 April 2007**
**Expiration:** **29 April 2009**
**Registration #:** **2052**

- ☐ Initial Registration
- ☑ Supplemental/Update **2035**
- ☐ Derived from Reg. #

### Complexity Level

| NITF 2.1 CLEVEL | | 3 | 5 | 6 | 7 |
|---|---|---|---|---|---|
| Interpret | | | | | |
| Generate | | | | | |

| NITF 2.0 CLEVEL | 1 | 2 | 3 | 4 | 5 | 6 | Oth |
|---|---|---|---|---|---|---|---|
| Interpret | | | | | | | |
| Generate | | | | | | | |

## Configurations Tested:
- Windows XP

☐ **System**
N-0105/98, §4.1.1

☑ **Product**
N-0105/98, §4.1.2

☐ **Component**
N-0105/98, §4.1.3

** NITF 2.0 feature
* NITF 2.1 feature

## NITFS Features Implemented:

**Format**
**NITF**
- ●● V2.1
- ●● V2.0
- ● V1.1
**NSIF**
- ●○ V1.0

**Pixel Value Types**
- ●○ Boolean
- ●◉ Integer
- ●● Signed Integer *
- ○○ IEEE Real *
- ○○ IEEE Complex *

**Annotation Segment Types**
- ●○ Bit Mapped **
- ●○ CGM, 2301
- ●○ CGM, 2301A
- ●○ Labels **

**Text Segments**
- ●● STA
- ●○ UT1
- ●○ U8S
- ●○ MTF

**Image Segment Types**
- ●● MONO
- ●● RGB
- ●○ RGB/LUT
- ●○ YCbCr
- ●● MULTI
- ●◉ NODISPLY
- ○○ POLAR

**Image Compression**
- ●● Not Compressed
- ●● JPEG Lossy, 8-bit
- ●○ JPEG Lossy, 12-bit
- ●○ JPEG Downsample
- ●○ JPEG Lossless
- ●○ JPEG 2000
- ●○ Bi-Level
- ●○ Vector Quantization

**Data Extension Segments**
- ●○ TRE_OVERFLOW
- ○○ STREAMING_FILE_HEADER
- ●○ Controlled Extensions **
- ●○ Registered Extensions **

**Tagged Record Extensions**
- ●○ CSDE
- ●◉ DIGEST GeoSDE
- ●○ RPF
- ●○ NCDRD
- ●● PIAE
- ●● ICHIPB
- ●● J2KLRA
- ●● BANDSB
- ●○ IOMAPA
- ●○ RPC00B
- ●○ NSDE

### Legend

| Interpret | Generate | |
|---|---|---|
| ● | ● | Fully implemented |
| ● | ◉ | Partially implemented |
| ○ | ○ | Not implemented |

CURTIS L. GREEN, Lt Col, USAF, Division Chief
Joint Interoperability Test Command
Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

*Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.*